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~~26~~. (Once Amended) The system of claim ~~25~~ further comprising a controller which operates the plurality of charge transfer circuits and the charge redistribution circuit, wherein during operation the controller causes the plurality of charge transfer circuits to transfer charge to the plurality of charge storage elements, causes the charge redistribution circuit to redistribute the charge that was transferred to the plurality of charge storage elements, and causes the charge transfer circuit to transfer the redistributed charge to the grid.

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~~27~~. (Once Amended) A power flow control system for connecting to a multiphase grid, said system comprising:

a plurality of charge storage elements;

a plurality of charge transfer circuits each connected to a corresponding phase of the multiphase grid and to a corresponding one of the plurality of charge storage elements;

a charge redistribution circuit connected to the plurality of charge storage elements, wherein during operation the charge redistribution circuit redistributes charge among the plurality of charge storage [devices] elements; and

a controller which operates the plurality of charge transfer circuits and the charge redistribution circuit, wherein

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said controller controls the power flow into the system by establishing non-zero current initial conditions on the plurality of charge storage elements prior to a charge transfer cycle during which charge is exchanged between the grid and the charge storage elements.

28. (Once Amended) A derectification system for generating from a power source a multiphase AC output onto a grid, said system comprising:

a plurality of charge transfer elements;

a first charge transfer circuit which charges the plurality of charge storage elements from the power source;

a second charge transfer which transfer charge between the plurality of storage elements and the multiphase grid; and

a controller which operates the first and second charge transfer circuits, wherein the controller causes the [second] first transfer circuit to sequentially [dis]charge the plurality of charge storage elements [onto the grid] to respective different voltages and in order of increasing voltage, starting with the charge storage element with the lowest voltage and ending with the charge storage element with the highest voltage.

29. (Once Amended) In a system including a plurality of charge storage elements that are coupled to a power source through a circuit which includes an inductor, a method of generating a multiphase AC output onto a grid, said method comprising [the steps of]:

sequentially transferring charge between the power source and each of the plurality of charge storage elements so that each of said charge storage elements is characterized by a voltage corresponding to the charge stored therein; and

transferring charge between each of said plurality of charge storage elements and a corresponding one of said phases on said grid, wherein the [step] process of sequentially transferring charge is performed in order of increasing voltage [on] of the charge storage elements.

30. (Once Amended) In a system which includes a plurality of charge storage elements, a method of controlling power flow between a multiphase grid and said system, said method comprising [the steps of]:

establishing non-zero current initial conditions [on] in the plurality of charge storage elements; and

after establishing non-zero current initial conditions [on] in the plurality of charge storage elements, transferring charge between the multiphase grid and the plurality of charge storage elements.

In the Title:

Please change the title to read --Method and Apparatus for Derectification and Power Flow Control--.

REMARKS

We acknowledge the Examiner's indication that claim 29 is allowable over the prior art of record. We note that in the body of the office action, the Examiner appears to have mistakenly indicated that claim 30 was allowable; however, we understood this to be in error and was meant to identify claim 29.

The Examiner objected to the Summary of the Invention as supposedly introducing "legal phraseology of the claims" and including "mere generalities which would be equally applicable to numerous preceding patents". We are unsure about what language in the Summary of the Invention provides the bases for the Examiner's concerns. In general, we disagree that the Summary of

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